



HEALTH IMAGING

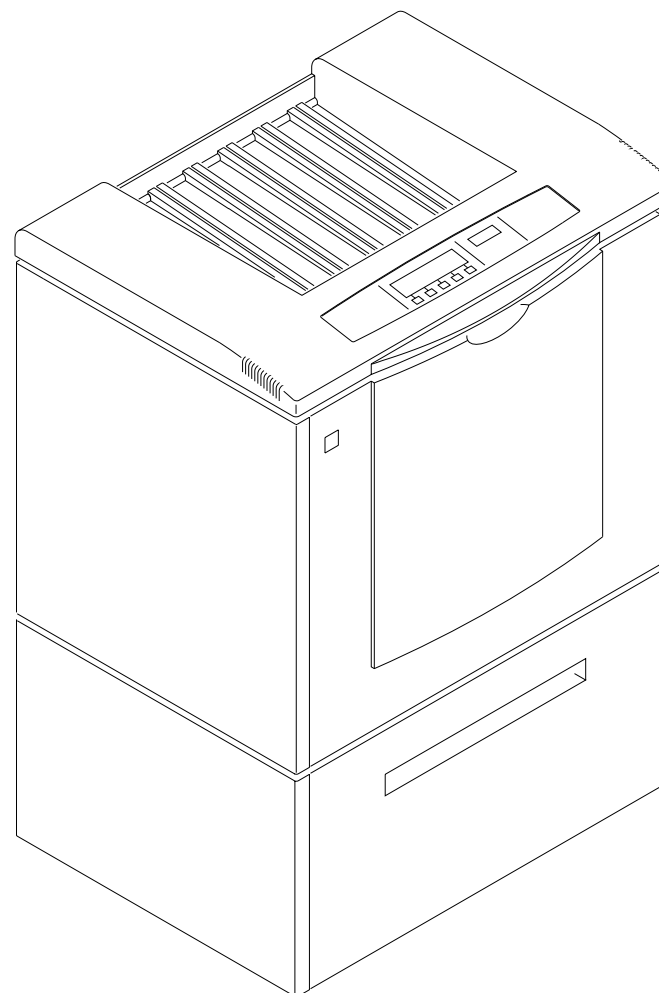
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COMPONENT LOCATOR for the
Kodak X-Omat 3000 RA PROCESSOR
Service Code: 3434



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 This equipment includes parts and assemblies sensitive to damage from electrostatic discharge. Use caution to prevent damage during all service procedures.

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3000 BOARD	12
5000 BOARD	13
6000 BOARD	14
7000 BOARD	14

Section 1: List of Components

Component	Designator	Description	Page
CIRCUIT BOARDS	600 BD	NOISE FILTER BOARD	11
	2000 BD	CONTROL INTERFACE BOARD	12
	3000 BD	DISPLAY BOARD	8 , 12
	5000 BD	MICROPROCESSOR BOARD	11 , 13
	6000 BD	UNIVERSAL FILM DETECTOR BOARD	8 , 14
	7000 BD	INTERLOCK BOARD	10 , 14
	8000 BD	CURRENT SENSOR BOARD	11 , 14
CIRCUIT BREAKER	CB1	MAIN POWER	12
CONNECTORS	A1J1	DC DRIVE MOTOR	9
	J11	PORTABLE COMPUTER INTERFACE	11
	J35	SAFELIGHT RECEPTACLE	12
	J36	INTERFACE JACK	12
	P/J1	CIRCUIT BREAKER	12
	P/J2	AC ELECTRICAL BOX	11
	P/J3	DC ELECTRICAL BOX	11
	P/J4	AMBIENT AIR THERMISTOR	11
	P/J5	7000 to 5000 BOARD	11
	P/J7	DC OUTPUT for the 5 V POWER SUPPLY (Serial No. 100500 and above)	11
	P/J8	AC INPUT for the 5 V POWER SUPPLY (Serial No. 100500 and above)	11
	P/J9	AC INPUT QUAD POWER SUPPLY	11
	P/J10	DC OUTPUT QUAD POWER SUPPLY	11
	P/J12	FIXER/DEVELOPER RECIRCULATION PUMP	9
	P/J14	REPLENISHMENT CALIBRATION SWITCH	10
	P/J15	DEVELOPER REPLENISHMENT PUMP	10
	P/J16	FIXER REPLENISHMENT PUMP	10
	P/J17	AUTOTRANSFORMER	9
	P/J18	BLOWER MOTOR	10
	P/J19	FIXER HEATER	9
	P/J20	DEVELOPER HEATER	9
	P/J21	DRYER HEATER	10
	P/J23	DEVELOPER COOLING SOLENOID	9
	P/J25	TOP COVER INTERLOCK SWITCH	8
	P/J26	DEVELOPER THERMISTOR	9

Component	Designator	Description	Page
CONNECTORS	P/J27	FIXER THERMISTOR	9
	P/J28	DRYER THERMISTOR	10
	P/J30	WASH WATER SOLENOID	10
	P/J34	POWER SUPPLY COOLING FAN	11
	P/J2001	INTERFACE BOARD	12
	P/J2002	INTERFACE BOARD	12
	P/J2003	INTERFACE BOARD	12
	P/J2004	INTERFACE BOARD	12
	P/J2005	INTERFACE BOARD	12
	P/J3001	DISPLAY BOARD	12
	P/J3002	DISPLAY BOARD	12
	P/J3003	DISPLAY BOARD	12
	P/J3004	DISPLAY BOARD	12
	P/J3005	DISPLAY BOARD	12
	P/J5001	MICROPROCESSOR BOARD	13
	P/J5002	MICROPROCESSOR BOARD	13
	P/J5003	MICROPROCESSOR BOARD	13
	P/J5004	MICROPROCESSOR BOARD	13
	P/J5005	MICROPROCESSOR BOARD	13
	P/J5006	MICROPROCESSOR BOARD	13
	P/J5007	MICROPROCESSOR BOARD	13
	P/J5008	MICROPROCESSOR BOARD	13
	P/J5009	MICROPROCESSOR BOARD	13
	P/J6001	FILM ACCUMULATOR BOARD	14
	P/J6002	FILM ACCUMULATOR BOARD	14
	P/J6003	FILM ACCUMULATOR BOARD	14
	P/J7001	DRIVE INTERLOCK BOARD	14
	P/J7002	DRIVE INTERLOCK BOARD	14
	P/J7003	DRIVE INTERLOCK BOARD	14
	P/J8001	CURRENT SENSOR BOARD	14
DIODES	CR1	WASH WATER SOLENOID	10
	CR2	DEVELOPER COOLING SOLENOID	9
FILTER	C7	EMI CAPACITOR (Serial No. 100500 and above)	11
	FL1	EMI FILTER, INCOMING AC	9
	FL2	EMI FILTER, DRYER	9
FUSES	F1	5 V POWER SUPPLY and PUMPS	11
	F2	DEVELOPER/FIXER HEATER	11
	F3, F4	SAFELIGHT RECEPTACLE	11
	F5	DRYER BLOWER	11
	F6	QUAD POWER SUPPLY	11
	F7	5 V POWER SUPPLY (below Serial No. 100500)	11

Component	Designator	Description	Page
HEATERS	HR1	DEVELOPER HEATER	9
	HR2	FIXER HEATER	9
	HR3	DRYER HEATER	10
INTEGRATED CIRCUITS	U5006	EPROM, BOOTSTRAP	13
	U5021	CLOCK/MEMORY MODULE	13
	U6018	EPROM, BOOTSTRAP	14
LED and INDICATORS	DS1	FIXER HEATER LED	13
	DS2	FIXER REPLENISHMENT PUMP LED	13
	DS3	DEVELOPER REPLENISHMENT PUMP LED	13
	DS4	DEVELOPER HEATER LED	13
	DS5	DRYER HEATER LED	13
	DS6	DRYER HEATER ENABLE LED	13
	DS7	DRYER BLOWER LED	13
	DS8	RECIRCULATION PUMP LED	13
	DS9	SOLUTION HEATER ENABLE LED	13
	DS10	SAFELIGHT RECEPTACLE LED	13
	DS15	DEVELOPER COOLING SOLENOID LED	13
	DS16	WASH WATER SOLENOID LED	13
	DS18	5000 BOARD STATUS LED	13
MOTORS	B1	DRYER BLOWER MOTOR	10
	B2	POWER SUPPLY COOLING FAN	11
	B3	DEVELOPER REPLENISHMENT PUMP	10
	B4	FIXER REPLENISHMENT PUMP	10
	B5	RECIRCULATION PUMP	9
	B6	DC DRIVE MOTOR	9
	B7	DISPLAY COOLING FAN	8
POWER SUPPLIES	PS1	QUAD POWER SUPPLY	11
	PS2	5 V DC POWER SUPPLY	11
RELAYS	K1	DRYER HEATER ENABLE RELAY	11
	K5001	DRYER HEATER ENABLE RELAY	13
	K5002	DRYER BLOWER MOTOR RELAY	13
	K5003	RECIRCULATION PUMP RELAY	13
	K5004	DEVELOPER/FIXER HEATER ENABLE RELAY	13
	K5005	SAFELIGHT RECEPTACLE	13
	K5006	Spare RELAY	14
RESISTORS	R6050	ALARM VOLUME	14
	R2011	DISPLAY BRIGHTNESS	12
	R3057	DISPLAY DIM SENSITIVITY	12

Component	Designator	Description	Page
SENSORS and SWITCHES	S1	DRIVE SIDE ENTRANCE DETECTOR SWITCH	8
	S2	NON-DRIVE SIDE ENTRANCE DETECTOR SWITCH	8
	S4	TOP COVER INTERLOCK SWITCH	8
	S5	REPLENISHMENT CALIBRATION SWITCH	10
	S6	DRYER OVERTEMPERATURE THERMOSTAT	10
	S7	DEVELOPER LEVEL PROBE	10
	S8	FIXER LEVEL PROBE	10
	S3001	3000 BOARD	12
	S5002	5000 BOARD	13
SOLENOIDS and INDUCTORS	L1	WASH WATER SOLENOID	10
	L2	DEVELOPER COOLING SOLENOID	9
	L4	DEVELOPER HEATER INDUCTOR	11
	L5	FIXER HEATER INDUCTOR	11
SOLID STATE RELAYS	SSR-U1	DEVELOPER HEATER RELAY	11
	SSR-U2	DEVELOPER REPLENISHMENT PUMP RELAY	11
	SSR-U3	DRYER HEATER RELAY	11
	SSR-U4	FIXER REPLENISHMENT PUMP RELAY	11
	SSR-U5	FIXER HEATER RELAY	11
SUPPRESSORS	A2	K5002 RELAY	11
	A3	K5003 RELAY	11
TERMINAL BLOCKS	TB1	MAIN AC POWER INPUT	9
	TB2	AC POWER SELECTION/DISTRIBUTION	9
	TB3	AC POWER SELECTION/DISTRIBUTION	9
	TB4	ELECTRICAL BOX AC POWER	11
	TB5	ELECTRICAL BOX DC ELECTRONICS	11
	TB8001	8000 BOARD	14
	TB8002	8000 BOARD	14
TEST POINTS	TP MOTDRV	ANALOG MOTOR DRIVE SIGNAL	13
	TP MOTFB	MOTOR FEEDBACK	13
THERMISTORS	RT1	DEVELOPER THERMISTOR	9
	RT2	FIXER THERMISTOR	9
	RT3	DRYER THERMISTOR	10
TRANSFORMER	T1	AUTOTRANSFORMER	9

Component	Designator	Description	Page
VARISTORS	RV1	SSR-U1	11
	RV2	SSR-U2	11
	RV3	SSR-U3	11
	RV4	SSR-U4	11
	RV5	SSR-U5	11
MISCELLANEOUS	A1	DRIVE MOTOR CONTROLLER	10
	LS6001	ALARM	14

Section 2: Location of Components

Figure 1 Top Interior View

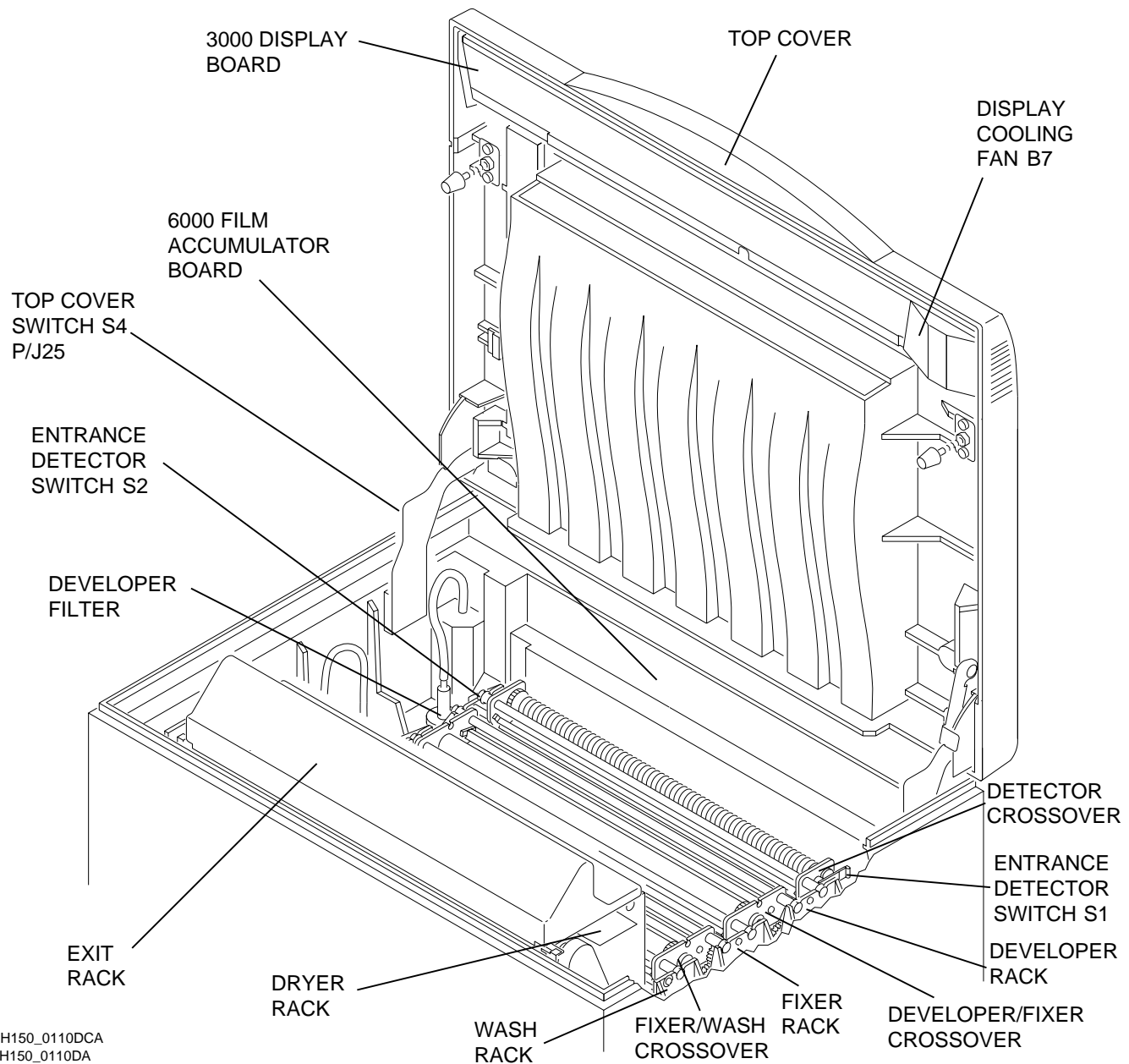
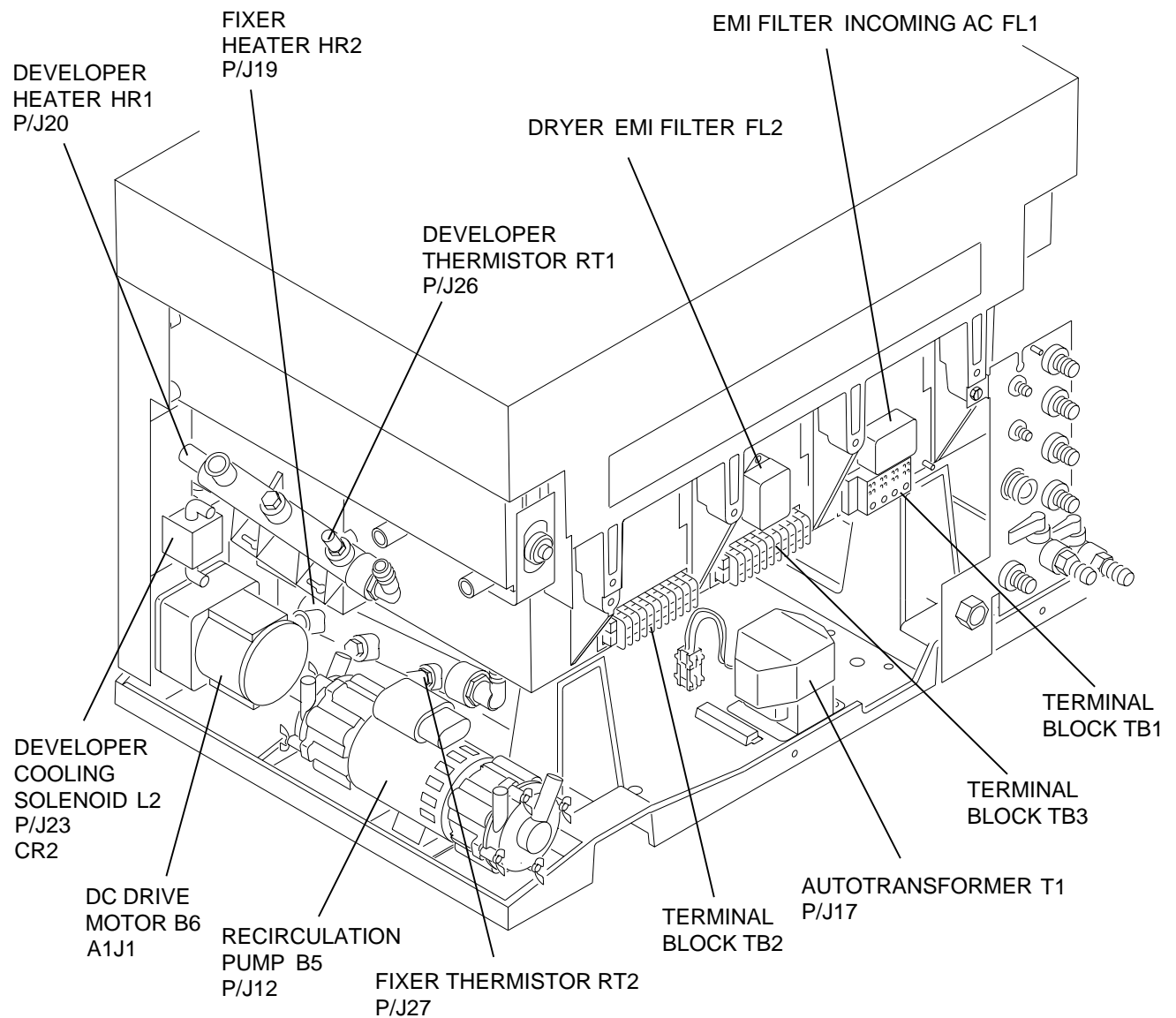
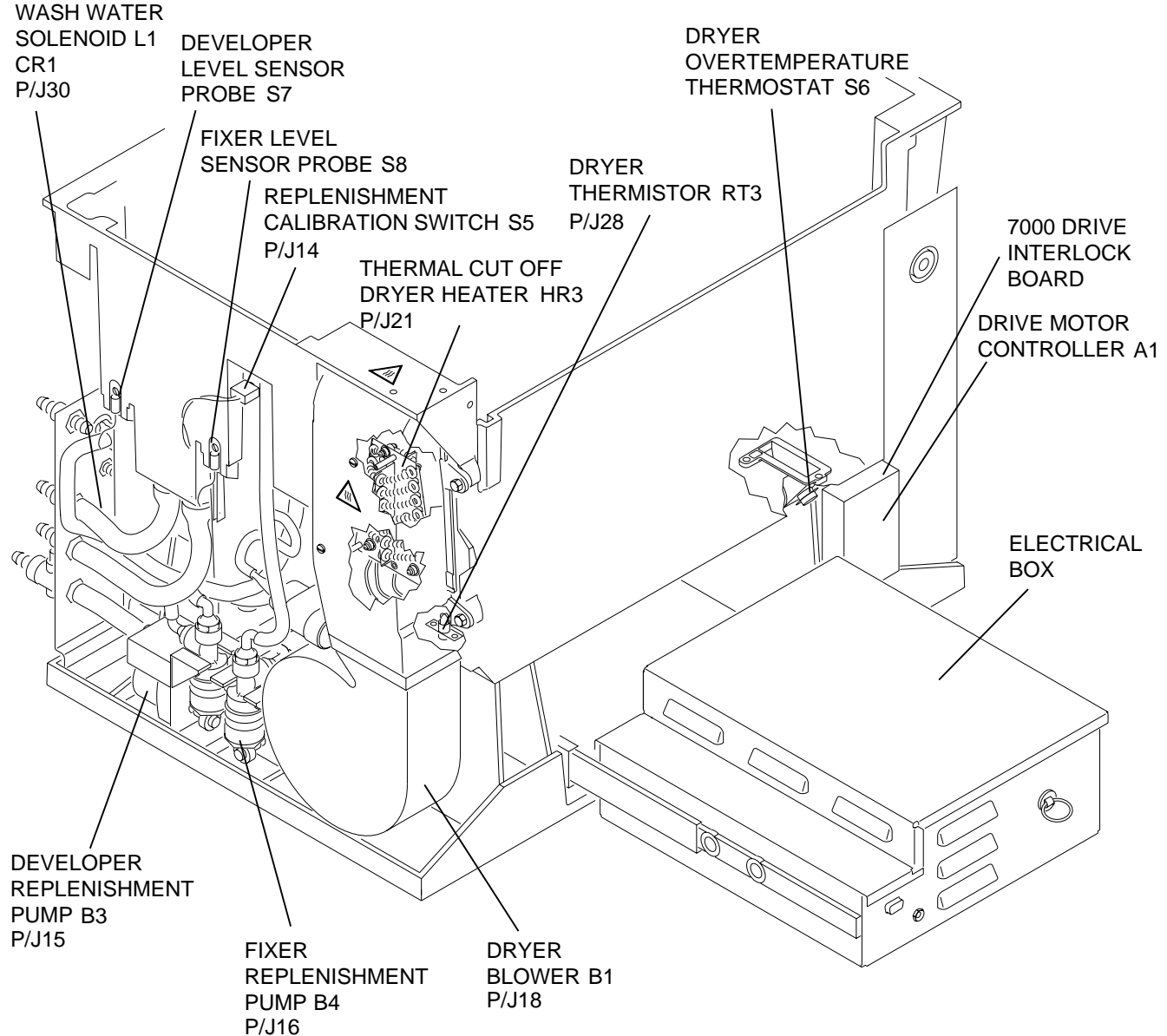


Figure 2 Feed End View



H150_0103DCA
H150_0103DA

Figure 3 Receive End View



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H150_0104DA

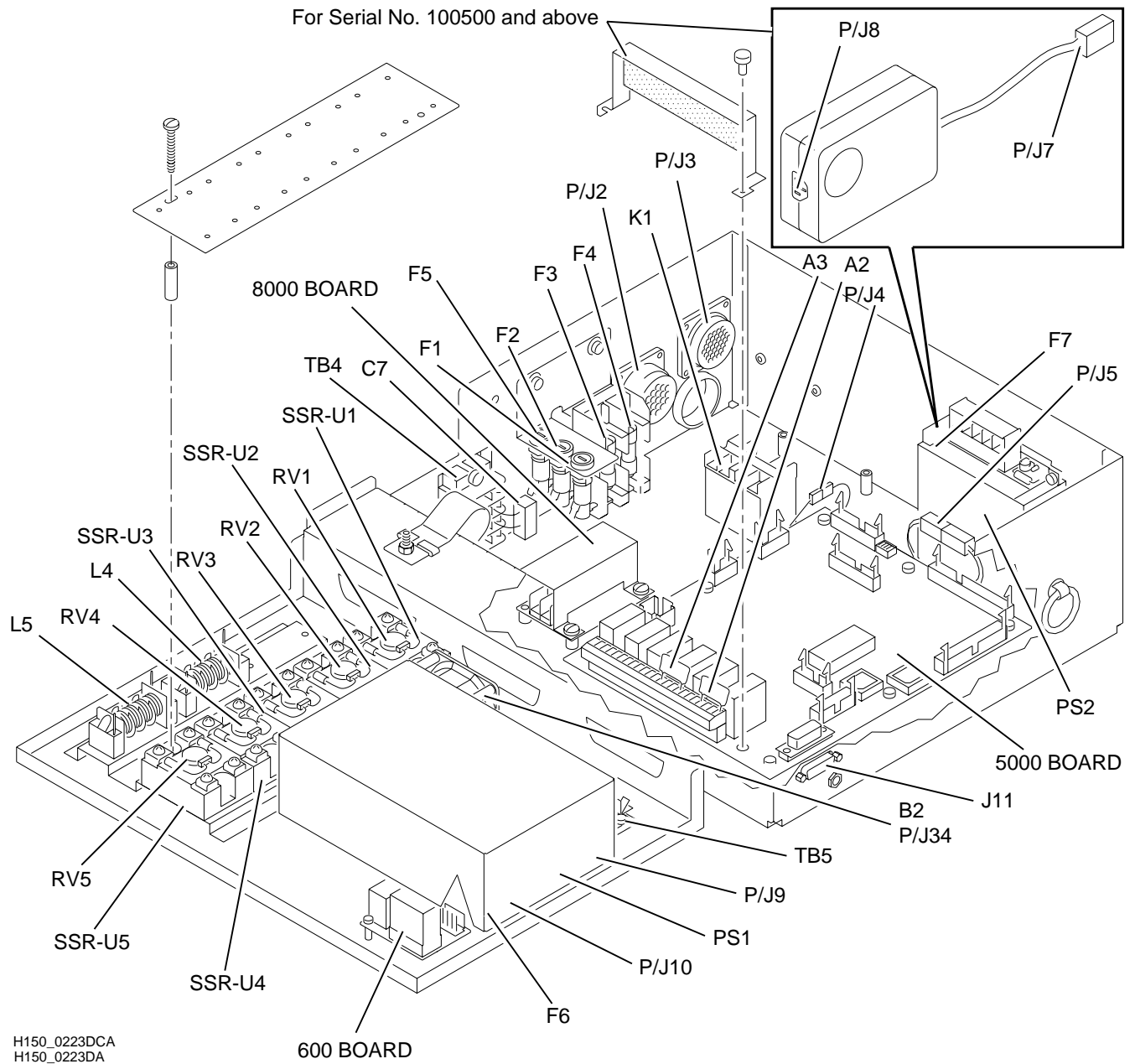
Figure 4 **ELECTRICAL BOX**

Figure 5 2000 BOARD

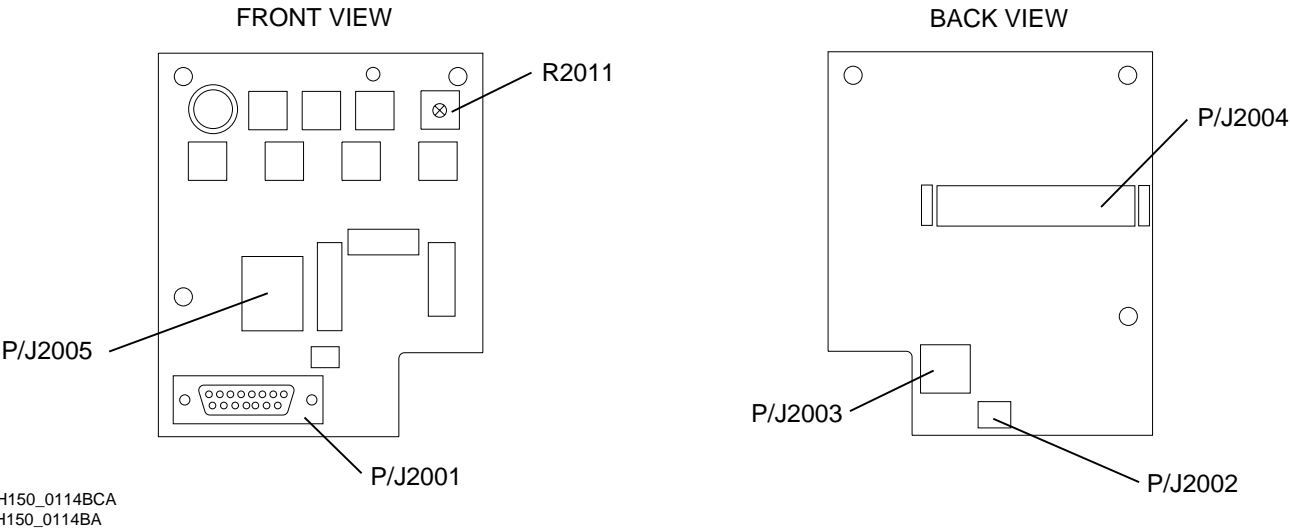
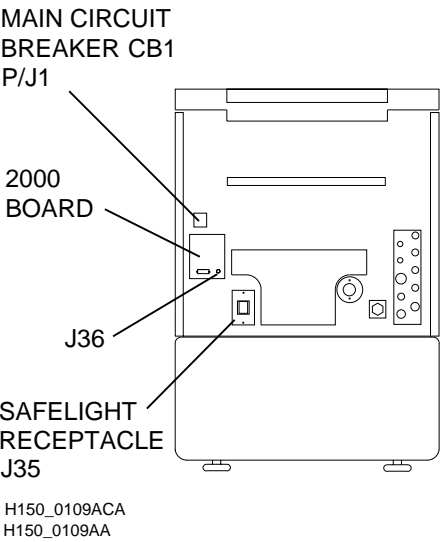


Figure 6 3000 BOARD

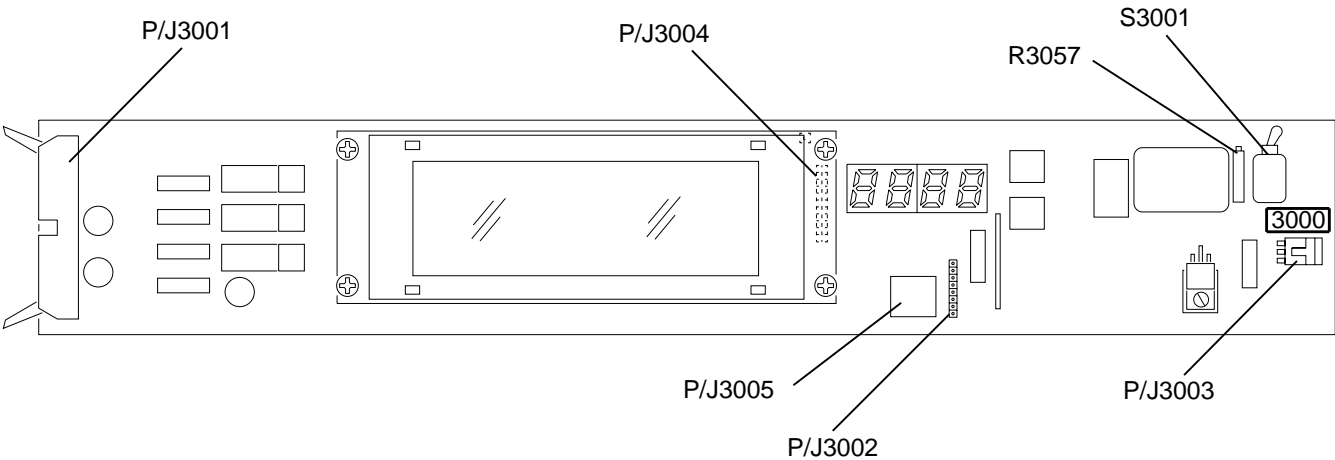
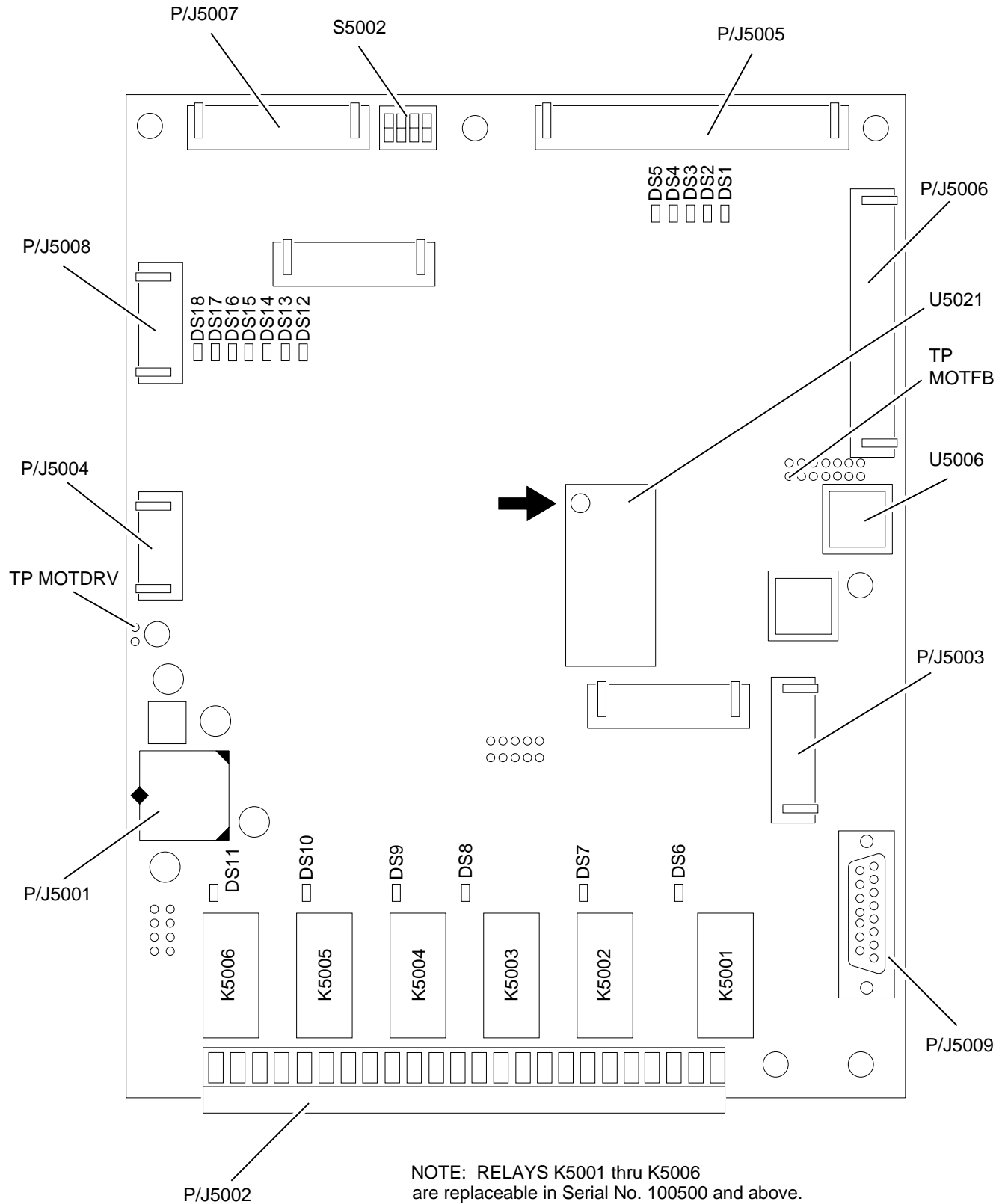
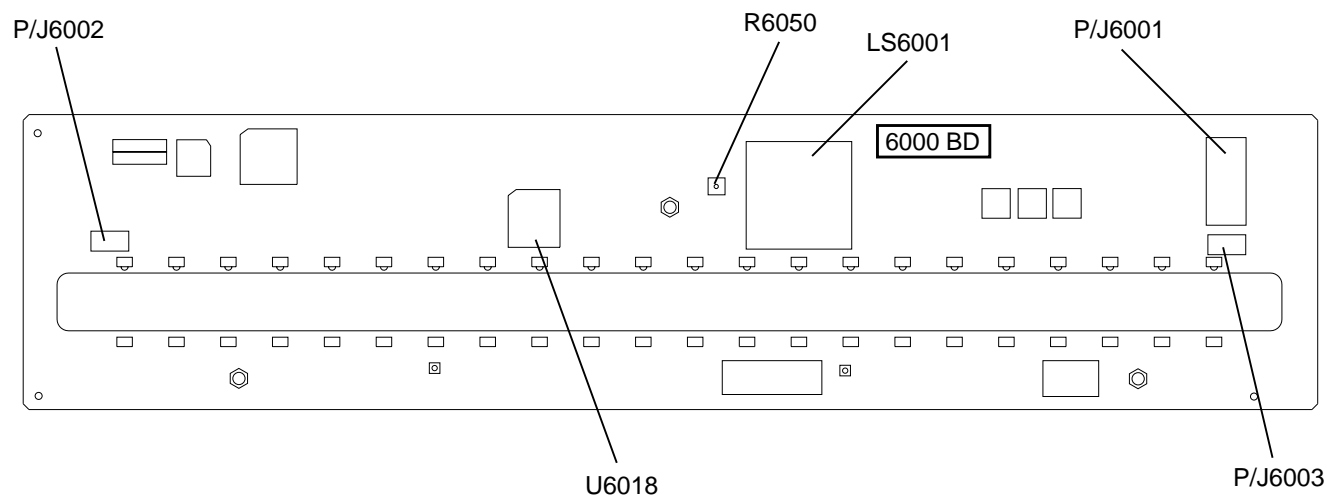


Figure 7 5000 BOARD



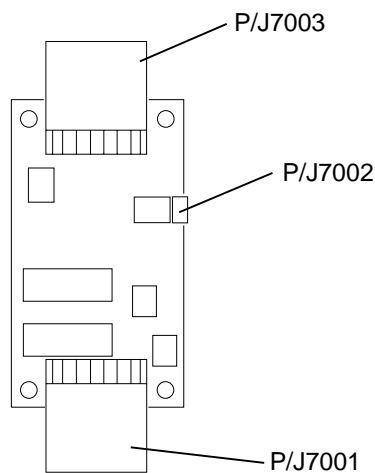
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Figure 8 6000 BOARD



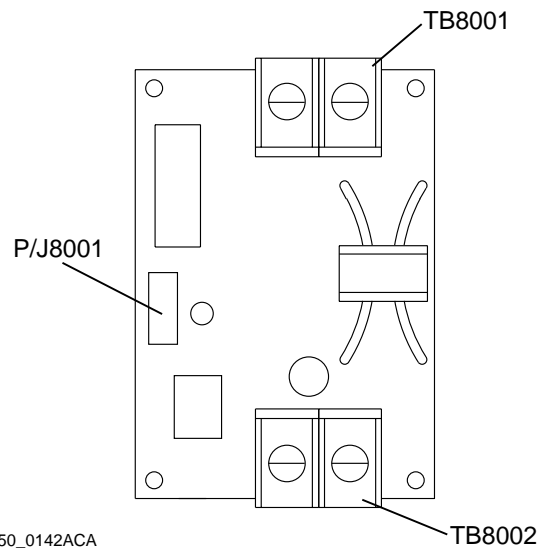
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Figure 9 7000 BOARD



H150_0113ACA
H150_0113AA

Figure 10 8000 BOARD



H150_0142ACA
H150_0142AC

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